

Listing of the claims:

1. (Currently amended) A method for manufacturing an electrode catalyst layer comprising the steps of:
ejecting droplets of a first electrode ink composition from a nozzle of an inkjet device onto a base material, the first electrode ink composition ~~containing~~ including at least one electrode active material in a solvent matrix; and
ejecting droplets of a second electrode ink composition from a nozzle of an inkjet device onto a base material, the second electrode ink composition ~~containing~~ including at least one binder material in a solvent matrix.
2. (Currently amended) The method of claim 1 wherein the first electrode ink composition further ~~contains~~ comprises at least one electroconductive material.
3. (Currently amended) The ~~manufacturing~~ method of Claim claim 1 wherein the base material is at least one of a collector ~~or~~ and an electrolyte film.
4. (Currently amended) The ~~manufacturing~~ method of Claim claim 1 wherein the first electrode ink composition further ~~contains~~ comprises at least one surfactant material.
5. (Currently amended) The ~~manufacturing~~ method of claim 4 wherein the surfactant material is at least one of a carboxylic acid system surfactant and an ether-type nonionic surfactant[.].
6. (Currently amended) The ~~manufacturing~~ method of claim 5 wherein the ether-type nonionic surfactant is polyoxyethylene ether type nonionic surfactant.
7. (Currently amended) The ~~manufacturing~~ method of claim 4 wherein the surfactant material has an HLB value between 5 and 30.

8. (Currently amended) The ~~manufacturing~~ method of claim 4 wherein the surfactant material is present in the first electrode ink composition in an amount sufficient to provide 0.05-10 wt% in a resulting coating layer with respect to total quantity of the electrode active material in the resulting layer.

9. (Currently amended) The ~~manufacturing~~ method of claim 4 wherein the first electrode ink composition is employed to prepare a positive electrode and wherein the electrode active material in the first electrode ink composition is at least one of a Li-Mn oxide compound ~~or~~ and a Li-Ni oxide compound.

10. (Currently amended) The ~~manufacturing~~ method of claim 4 wherein the first electrode ink composition is employed to prepare a negative electrode and wherein the electrode active material is at least one of a crystalline carbon material and a non-crystalline carbon material.

11. (Currently amended) An electrode comprising:

[[a]] the base material having at least one surface;

[[a]] the electrode catalyst layer manufactured according to the method of claim 1 overlying at least a portion of the surface of the base material, ~~wherein the catalyst is prepared by a process including the steps of:~~

~~—ejecting droplets of a first electrode ink composition from a nozzle of an inkjet device onto a base material, the first ink composition containing at least one electrode active material alone or in combination with at least one electroconductive material in a solvent matrix;~~

~~—ejecting droplets of a second electrode ink composition from a nozzle of an ink jet device onto a base material, the second ink composition containing at least one binder material in a solvent matrix.~~

12. (Currently amended) A battery comprising at least one positive electrode, at least one electrolyte layer[.]] and at least one negative electrode sequentially

positioned in laminated relationship to one another, wherein at least one of the positive electrode or and the negative electrode are prepared by a process including the steps of:

ejecting droplets of a first electrode ink composition from a nozzle of an inkjet device onto a base material, the first electrode ink composition containing at least one electrode active material alone or in combination with at least one electroconductive material in a solvent matrix;

ejecting droplets of a second electrode ink composition from a nozzle of an inkjet device onto a base material, the second electrode ink composition containing at least one binder material in a solvent matrix comprises the electrode catalyst layer manufactured according to the method of claim 1.

13. (Canceled).

14. (Currently amended) A vehicle comprising a power source wherein the power source includes at least one battery comprising at least one positive electrode, at least one electrolyte layer[[.]] and at least one negative electrode sequentially positioned in laminated relationship to one another, at least one of the positive electrode or and the negative electrode are prepared by a process including the steps of:

ejecting droplets of a first electrode ink composition from a nozzle defined in an inkjet device onto a base material, the first electrode ink composition containing at least one electrode active material alone or in combination with at least one electroconductive material in a solvent matrix;

ejecting droplets of a second electrode ink composition from a nozzle defined in an inkjet device onto a base material, the second electrode ink composition containing at least one binder material in a solvent matrix comprising the electrode catalyst layer manufactured according to the method of claim 1.

15. (Currently amended) ~~An~~ The method of claim 1 wherein the first electrode ink composition comprising further comprises:
at least one particulate electrode active material;

~~at least one~~ a surfactant compound; and ~~a solvent wherein the at least one~~
electrode active material comprises a particulate electrode active material.

16. (Currently amended) The ~~electrode ink composition method~~ of claim 15 wherein the particulate electrode active material has an average grain size between 0.01 μm and 1.0 μm .

17. (Currently amended) The ~~electrode ink composition method~~ of claim 15 wherein the first electrode ink composition has a total solids content between 5 wt% and 30wt% based on total first electrode ink composition.

18. (Currently amended) The ~~electrode ink composition method~~ of claim 15 wherein the surfactant compound is present in an amount between 0.1 wt% and 5.0 wt% based on total first electrode ink composition.